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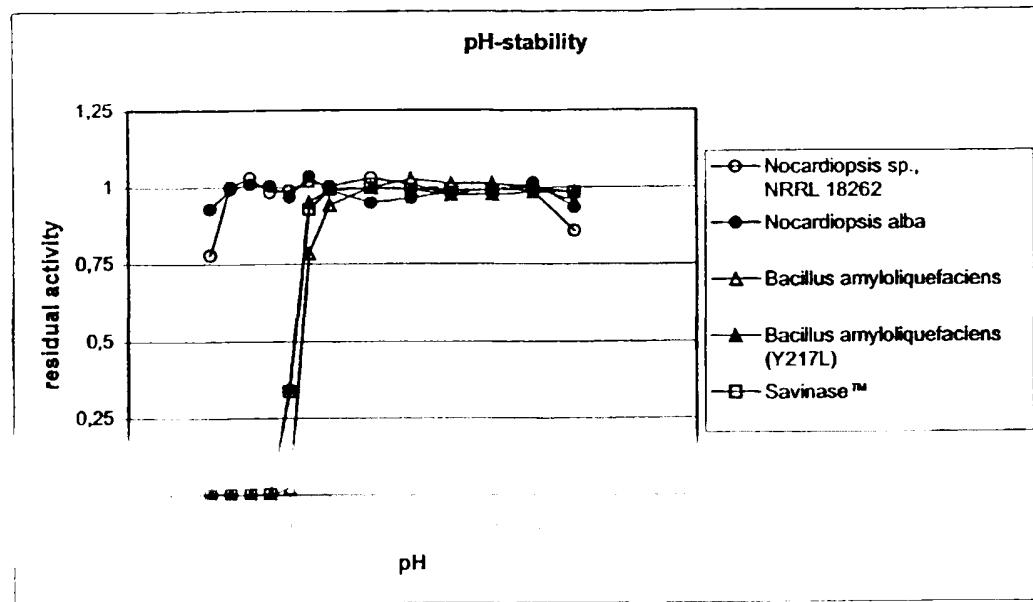
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(54) Title: USE OF ACID-STABLE PROTEASES IN ANIMAL FEED



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(57) Abstract: Acid-stable proteases from bacteria of the genus *Nocardiopsis*, their use in animal feed, feed additives and feed compositions containing such proteases, and methods for the treatment of vegetable proteins using such proteases.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A23K1/165 A23K1/14 C12N9/52

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 05739 A (FINNFEEDS INT LTD ;GENENCOR INT (US)) 29 February 1996 (1996-02-29) cited in the application claims 1,9; example 2 ----	1-12
A	CAINE, W.R., VERSTEGEN, M. W. A., SAUER, W. C., TAMMINGA, S., AND SCHULZE, H.: "Effect of protease treatment of soybean meal on content of total soluble matter and crude protein and level of soybean trypsin inhibitors" ANIMAL FEED SCIENCE AND TECHNOLOGY., vol. 71, 1998, pages 177-183, XP001002549 AMSTERDAM., NL See whole document ----	1-12 -/-

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	WO 95 21540 A (QUAKER OATS CO ;LEE PATRICK S (US); HAWLEY LAWRENCE A (US); KUNAS) 17 August 1995 (1995-08-17) page 8, line 6-11 claims 1,2; example 1 ---	1-12
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A	US 5 312 748 A (LIU CHI-LI ET AL) 17 May 1994 (1994-05-17) column 3, line 43-51 claim 1; example 3 ---	1-12
A	WO 91 10723 A (NOVONORDISK AS) 25 July 1991 (1991-07-25) page 3, paragraph 3 page 12, paragraph 2 ---	1-12

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